

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Issued: 05/15/2020  
Effective: 05/15/2020

Version: DMEF 2020 R0  
Status: Active

Instrument # 100374

Start Date: 11/13/2019

Analysts: Dereen Walton / Brandi Barnett

Reason for instrument evaluation

Spikes in filter 2 measurements even after calibration

Visual Inspection

- Clean
- Cermetex Box is secure
- Gas Valve upright or secured to wall
- O-ring inspection and ensure 2 O-rings in replacement bag
- Replace missing screws
- Ensure modem cable present
- All tubing and connections are secure

*Refer to evaluation from 10/22/19 JMW 12/14/20*

Troubleshooting/Repair

No additional testing at this time. Recommend factory calib refurbishment and repair to address filter measurement inconsistencies

*JMW 12/14/20*

- VOC (attached)
- Internal Standard value  $\leq 3.00\%$
- Verify software version

*No further testing at this time. JMW 12/14/20*

- Return to Factory for Repair
- Ready for Calibration
- Ready for Certification
- Proceed to Close Out

End Date: 12/14/20

SUBJECT TEST

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Alaska Department of Public Safety  
DATAMASTER dmt: 100374  
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Date: 11/13/2019  
Time: 13:17:50

SUBJECT NAME:  
TEST TEST  
LICENSE #: XXXX

OPERATOR NAME:  
BRANDI BARNETT  
OPERATOR'S #: 7038

DEPT/AGENCY:  
INCOMPLETE  
CASE/REPORT: XXXX  
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080  
TARGET AT 29.12: 0.078  
LOT #: AG826101  
EXPIRATION: 09/18/2020

DIAGNOSTIC CHECK PASSED 13:19  
BLANK TEST 0.000 13:19  
INTERNAL STANDARD VERIFIED 13:19  
Xq = 0.095 (0.65%)  
EXTERNAL STANDARD INTERFERENCE 13:19  
X[1] = 0.0752 (0.0911) (0.0019)

Interference Detected

*Instrument removed from service at APD for this reason*

*BBB*